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400AMPS DIESEL WELDING GENERATOR WITH TRAILER



400AMP DC ARC WELDING MACHINE

WELDING CURRENT	400Amp @ 60% duty cycle
WELDING PROCESS	ARC, Gouging cutting
OPERATING VOLTAGE	20-40V
WELDING PERFORMANCE	Adopts advanced inverter soft switch technology, PWM control technology, and negative feedback control technology
NO LOAD VOLTAGE (OCV)	70-90 V
ENGINE POWER	22kW to 40kW
CYLINDER NO / ARRANGEMENT	4/L
COOLING SYSTEM	Water cooling
FUEL CONSUMPTION	0.23L/kw.h
EXHAUST SYSTEM	Use the industrial noise reduction silencer
FILTER SYSTEM	Use the unitary replaceable lube oil filter, fuel filter and air filter
AIR SYSTEM	Self-Taking dry style Air filter
STARTUP MODE	12V DC Automatic Startup
BATTERY	Charging generator of storage battery, with a set of high-powered storage battery, connected by cable /tie-in with the Genset.
FUEL TANK CAPACITY	100 L

GENERATOR SPECIFICATIONS:

AC GENERATOR OUTPUT POWER	15kVA
VOLTAGE	220V / 380V AC 50Hz
POWER FACTOR	0.8
PHASE NO & CONNECTION	3 phase, 4 wires
INSULATION CLASS	H
PROTECTION CLASS	IP23
VOLTAGE RANGE OF GENSET	±10%
STEADY VOLTAGE REGULATION	<±1%
TRANSIENT VOLTAGE REGULATION	<(-15~+20)%
VOLTAGE STABILIZATION	≤1s
VOLTAGE FLUCTUATION RATIO	≤0.5%
STEADY FREQUENCY REGULATION	≤±1%
FREQUENCY STABILIZATION	≤3s
FREQUENCY FLUCTUATION RATIO	≤0.5%
AUXILIARY POWER	50hz upto 230 V
RATED VOLTAGE	50hz upto 230 V
CLIMATE VERSION	U1
AUTOMATIC EMERGENCY PROTECTION	Emergency auto stop
ELECTRIC FUEL LEVEL INDICATOR	Yes
HOUR METER	Yes



WHERE INNOVATION
MEETS QUALITY

CONTROL SYSTEM

It is an auto mains failure controller for welding and generator, it can monitor and protect the welder generator working all the time.

it has a LCD display which clearly shows the status of the engine. This

controller include seven inputs and six outputs.

This controller can also be programmed using the front panel or by using DSE configuration Suite PC software.

Parameters:

This controller can provide Generator frequency, Under/over speed, Generator volts, Generator current, Engine oil pressure, Engine coolant temperature, Flexible fuel level, Hours run counter, Battery volts, Fail to start/stop, Emergency Stop.

Failed to reach loading voltage/frequency, Charge fail, Loss of magnetic pick-up signal, Low DC voltage, CAN diagnostics and CAN fail/error, Mains volts 3 phase, Mains frequency, AMF indications

Protection:

- 1. Low Oil Pressure
- 2. High water Temperature
- 3. High voltage and low voltage
- 4. Overspeed
- 5. Volt adjuster and frequency adjuster.
- 6. Emergency stop
- 7. Fail to start

Features:

- 1. Protection: Automatic start/stop, load transfer and alarming of generator;
- 2. 4 digital inputs and 3 analogue inputs.
- 3. 6 outputs(4 configurable on magnetic pick-up, 6 configurable on Canbus version).
- 4. 3 phase generator and mains voltage monitoring.
- 5. Remote start on or off load.
- 6. Advanced metering capability.
- 7. Test button.
- 8. Protected solid state outputs.
- 9. Transfer between mains and generator power.
- 10. User-friendly set-up and button layout.
- 11. Multiple engine parameters are monitored simultaneously.
- 12. Module can be configured to suit individual applications.
- 13. IP 65 rating offers advanced resistance to water ingress when gasket is fitted.